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*Observations of the Solar Eclipse July the 2. 1684.  
at Oxford, sent in a Letter from Dr. Edw. Bernard,  
Astron. Prof. Oxon. to Mr. John Flamsteed, Astron. Reg. At Lisbon by Mr. Jacobs; at  
Dublin, by Mr. Ash and Mr. Molyneaux; and  
at Tredagh by Mr. Osburn.*

*Johanni Flamstedio Edwardus Bernardus S.*

**Q**Uotidie crescit tibi à Cœlo gloria. Sive novas Æt-  
nas in orbe solari deprehendas ante alios, & quasi  
illæ c proximo eminenter accurate admodum metiaris :  
Sive magni istius luminaris, unde lux & vita rerum, præ-  
dicas defectus, non temere & fortuito ; sed quo maxime  
vultu quove temporis momento contingere oportuit, &  
eventus nos omnes docuit. Recte facis, mi frater, quod  
duos temporum & seculorum nostrorum arbitros diligen-  
tius contemplaris ; & post observationis curam & indu-  
striam, planissimis theoriis, quibus nihil ingeniosius, per-  
gis demonstrare. Cæterorum equidem planetarum mo-  
tus minus ad nos pertinent, aut in tanta amplitudine na-  
turæ multas anomalias dissimulant ac obliterant, quas in  
luna tam vicino fidere vel inviti observamus. Quid in nu-  
pera Eclipsi notavimus, ex subsequente Canonico facile  
intelliges, quid etiam præterivimus, tam cœlo claro  
quam nubilo. Phases autem quadraginta illius defectus  
captavit definivitque bona manus Wallisii. Tempus eti-  
am justum æquumque ejusdem deliquii altitudinibus ali-  
quot solaribus comprobarunt clarissimi viri D. Casvellus  
& D. Rookius, ubi horologiis & oscillis nostris fuerat pec-  
catum. Gaudeto itaque, Cœlestis anima, hac peculiari  
debitaque tibi laude, Canones tuos præ mille veterum  
recentiumque Astronomorum, binorum luminarium na-  
turam & motum verum adsequi. De cæteris equidem  
planetis haud desperabis, qui vagabundam & incertissi-  
mam Lunam in numeros tuos felici invento coegisti. Va-  
le, Charissime, & ἡ πετέρα τῶν πάντων, quod soles, venerare.

*Oxonii, postri-  
die Eclipsos.*

*Eclipsis Solis die secundo Julii St. Vet. A. D. 1684. Oxonii  
observata, presentibus multis viris egregiis.*

*Digitis ob- Tempora Of-  
curs, cum cillatoria a  
suis decimis Cælo correctâ.*

		h	'	"	
		2	03	00	Initium Eclipsis
0	6	2	07	44	
1	0	2	10	44	
1	3	2	13	19	
1	6	2	15	44	
2	2	2	21	34	
2	6	2	23	44	
2	9	2	25	39	
3	5	2	29	54	
4	0	2	33	04	
4	4	2	36	34	
4	6	2	40	04	
5	0	2	43	14	
5	3	2	48	19	
5	6	2	50	09	Medium quasi solem fecit <i>τὸ λελασμένον.</i>
6	5	2	57	30	
6	7	2	59	14	
7	4	3	08	24	Obscuritas maxima.
7	1	3	11	09	
6	8	3	29	19	
6	7	3	31	39	
6	0	3	37	24	<i>αὐτὸς ἐπὶ μέγιστον τὸ σκοτός.</i>
5	7	3	39	29	
5	5	3	44	29	
5	0	3	47	59	
4	4	3	50	34	
3	9	3	53	54	
2	9	4	02	49	
2	5	4	04	39	
2	2	4	06	19	
2	0	4	07	54	
1	4	4	13	09	
1	0	4	15	04	
0	7	4	16	49	
0	3	4	19	39	
Finis		4	21	14	Finis Eclipsis.

Mr. Jacobs at Lisbon noted July 2. Stylo Vet.

The beginning of the *Eclipse* at 1. h. 30' exactly.

The ending at 4. h. 12'.

*Extract of the Minutes of the Dublin Society from  
July 9th, to the 12. 1684.*

Mr. Ash and Mr Molyneaux, though the day being much overcast, hindred them from taking anything accurately, yet gave some account of their *Observations* viz. that toward the middle of the *Eclipse* having a short view of the *Sun*; they judg'd that about 8. *Digits* were cover'd: at the ending also having a faint view thereof; they assign'd its end, at 3. h. 56. p. m.

*Extract of a Letter of Mr. William Molyneaux S. P. S.  
of Dublin dat. Sept. 2. 1684.*

The same *Eclipse* was observed by one Mr. Osburn nigh Tredagh in this Country Lat. 53. 40'. *Initium* 1. h. 37'. 30'. *Finis* 3. h. 56'. 20'.

Casp. Bartholini Thom. F. de *Ductu Salivali hædenu non descripto, Observatio Anatomica.*

EO jam perventum est in Anatomæ studio, ut nec in Majorum placitis tuto acquiescere nec illa sola admittere possimus, quæ novo se commendant titulo, sed quærendum est potius prudens temperamentum, ut & hæc & illa commode jungamus, & ubique cavendum imprimis, ne à natura ipsa recedamus. Quin & non hic subsistendum, ubi substituerunt ante nos alii, sed progrediendum ulterius, ut, quæ adhuc dubia sunt, illustrentur, quæ latent, detegantur. Habent enim plurima Veteres, quæ exponenda sunt, sed cum delectu invenerunt alia Recentiores, quæ his addenda sunt, sed cum judicio & circumspecte; restant adhuc plura, quæ nobis ulteriori studio investiganda veniunt.

Et, ut alia taceam, certe fontes salivæ & vasa illam ad cavitationem oris deducunt, non plane ignota fuisse videntur veteribus, licet saltem quasi per nebulam observata. Non tamen ideo sua laus detrahenda est Recentioribus, qui ulterius progressi, manifestius has glandulas descripserunt, & vasa salivalia